1   KPLO 7023
          PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Choi et al.
International Application No. PCT/US99/20649
U.S. Application No. Not Yet Assigned
International Filing Date 10 Sep 1999
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For WATERMARKING OF DIGITAL IMAGES USING WAVELET AND DISCRETE
COSINE TRANSFORMS

March 9, 2001

PRELIMINARY AMENDMENT A

TO THE ASSISTANT COMMISSIONER FOR PATENTS,

SIR:

        Please enter the following amendments prior to examination of the above-referenced
application:

IN THE CLAIMS:

        Please cancel claim 17.

IN THE ABSTRACT

        At new page 27, please insert the following abstract:

--ABSTRACT OF THE DISCLOSURE

        The present invention relates to a method for embedding a watermark into a black and
white or color digital image [D(x)]. Basically the inventive method comprises the steps of
transforming the digital image using a wavelet transform [WC(y)], transforming a watermark
using discrete cosine transform (DCT), integrating the wavelet-transformed digital image with
the DCT-transformed watermark [DW(x) + WC(y)] to insert the watermark into the image, and